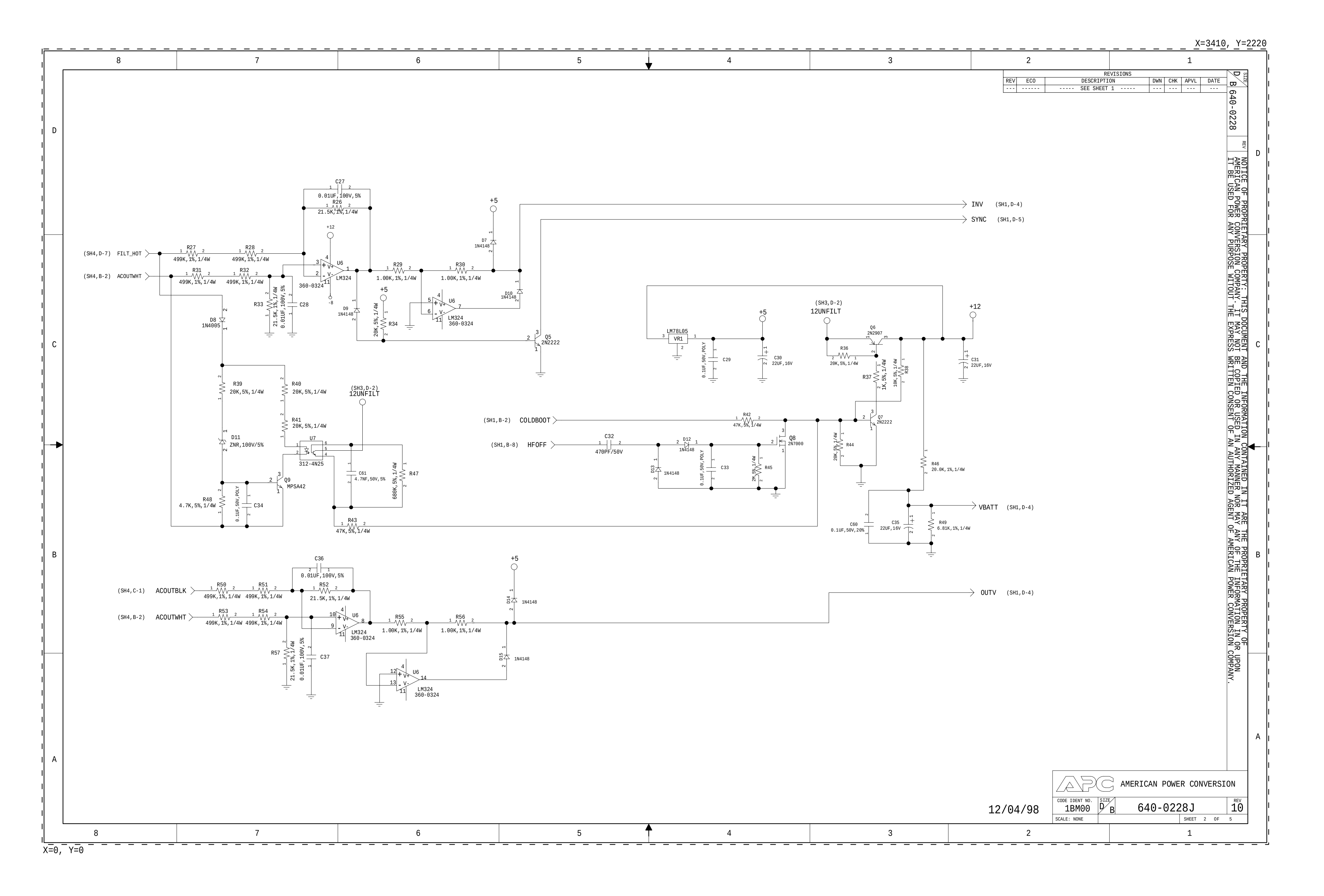


X=3410, Y=2220
X=0, Y=0
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SIZE D B 640-0228 REV
REVISIONS
REV ECO DESCRIPTION DWN CHK APVL DATE
--- ------ ----- SEE SHEET 1 ----- --- --- --- ---
INV (SH1,D-4)
SYNC (SH1,D-5)
VBATT (SH1,D-4)
OUTV (SH1,D-4)
(SH4,D-7) FILT_HOT
(SH4,B-2) ACOUTWHT
(SH4,C-1) ACOUTBLK
(SH4,B-2) ACOUTWHT
(SH1,B-2) COLDBOOT
(SH1,B-8) HFOFF
(SH3,D-2) 12UNFILT
+5
+12
C27 0.01UF,100V,5%
R26 21.5K,1%,1/4W
R27 499K,1%,1/4W
R28 499K,1%,1/4W
R31 499K,1%,1/4W
R32 499K,1%,1/4W
R33 21.5K,1%,1/4W
C28 0.01UF,100V,5%
U6 LM324 360-0324
D7 1N4148
D8 1N4005
D9 1N4148
D10 1N4148
R29 1.00K,1%,1/4W
R30 1.00K,1%,1/4W
R34 20K,5%,1/4W
Q5 2N2222
R39 20K,5%,1/4W
R40 20K,5%,1/4W
R41 20K,5%,1/4W
D11 ZNR,100V/5%
U7 312-4N25
C61 4.7NF,50V,5%
R47 680K,5%,1/4W
Q9 MPSA42
R48 4.7K,5%,1/4W
C34 0.1UF,50V,POLY
R43 47K,5%,1/4W
LM78L05 VR1
C29 0.1UF,50V,POLY
C30 22UF,16V
C31 22UF,16V
Q6 2N2907
R36 20K,5%,1/4W
R37 1K,5%,1/4W
R38 10K,5%,1/4W
Q7 2N2222
R44 20K,5%,1/4W
R42 47K,5%,1/4W
Q8 2N7000
C32 470PF/50V
D12 1N4148
D13 1N4148
C33 0.1UF,50V,POLY
R45 2M,5%,1/4W
R46 20.0K,1%,1/4W
C60 0.1UF,50V,20%
C35 22UF,16V
R49 6.81K,1%,1/4W
C36 0.01UF,100V,5%
R50 499K,1%,1/4W
R51 499K,1%,1/4W
R52 21.5K,1%,1/4W
R53 499K,1%,1/4W
R54 499K,1%,1/4W
R57 21.5K,1%,1/4W
C37 0.01UF,100V,5%
R55 1.00K,1%,1/4W
R56 1.00K,1%,1/4W
D14 1N4148
D15 1N4148
12/04/98
AMERICAN POWER CONVERSION
CODE IDENT NO. 1BM00
SIZE D B
640-0228J
REV 10
SCALE: NONE
SHEET 2 OF 5